

Title (en)

PROCESS FOR THE PRODUCTION OF SHAPED ARTICLES FROM GRANULES BASED ON SILICON, GERMANIUM OR MIXED CRYSTALS OF THESE ELEMENTS

Publication

EP 0243805 A3 19880928 (DE)

Application

EP 87105631 A 19870415

Priority

DE 3613778 A 19860423

Abstract (en)

[origin: US4767585A] A process for preparing molded bodies of granular material of silicon, germanium or mixed crystals of these elements. The granular material is introduced into a defined three dimensional mold and a chemical transport reaction is started which proceeds with the transport of silicon or germanium. As a result, the particles of the granular material intergrow with each other and eventually form a solid, porous molded body. By varying the starting material, the transport agent, and by adding dopants, the electrical properties of the product can be varied.

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Citation (search report)

[A] H. SCH[FER: "Chemical transport reactions", 1964, Seiten 92,109-112,159-160, Academic Press, New York, US

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